;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (302) 658-9141
;   TELEFAX: (302) 658-5613
;   INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 657 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-985-526-2

alignment_scores:
            Quality: 9.00
            Ratio: 1.000
Percent Similarity: 100.000   Percent Identity: 100.000
alignment_block:
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seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-209-747-7

Align seg 1/1 to: US-08-985-526-2 from: 1 to: 657

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430 TGGTCAACTTGGTCCTGTGACAGTGGT 456

seq_documentation_block:
; Sequence 7, Application US/08209747
; Patent No. 5733771
;   GENERAL INFORMATION:
;   APPLICANT: Lewis, Randolph V.
;   APPLICANT: Colgin, Mark
;   TITLE OF INVENTION: cDNAs Encoding Minor Ampullate Spider
;   TITLE OF INVENTION: Silk Proteins
;   NUMBER OF SEQUENCES: 56
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Birch, Stewart, Kolasch & Birch
;   STREET: P.O. Box 747
;   CITY: Falls Church
;   STATE: Virginia
;   COUNTRY: USA
;   ZIP: 22040-3487
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/209,747
;   FILING DATE: 14-MAR-1994
;   CLASSIFICATION: 530
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Murphy Jr., Gerald M.
;   REGISTRATION NUMBER: 28,977
;   REFERENCE/DOCKET NUMBER: 1447-104P
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 703-205-8000
;   TELEFAX: 703-205-8050
;   INFORMATION FOR SEQ ID NO: 7:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 870 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   HYPOTHETICAL: NO
;   ORIGINAL SOURCE:
;   ORGANISM: N. clavipes
;   TISSUE TYPE: minor ampullate gland

;   LOCATION: 1..753
;   OTHER INFORMATION: /product= "MISP2 carboxy terminus"
US-08-209-747-7

alignment_scores:
            Quality: 9.00
            Ratio: 1.000
Percent Similarity: 100.000   Percent Identity: 100.000
alignment_block:
US-09-972-467-2 x US-08-209-747-7/rev

Align seg 1/1 to reverse of: US-08-209-747-7 from: 1 to: 870

88 SerSerSerSerSerSerThrSerSer 96
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42 AGCAGCTCCAGCTCCAGCACCTCTTCC 16

seq_documentation_block:
; Sequence 7, Application US/08458298
; Patent No. 5756677
;   GENERAL INFORMATION:
;   APPLICANT: Lewis, Randolph V.
;   APPLICANT: Colgin, Mark
;   TITLE OF INVENTION: cDNAs Encoding Minor Ampullate Spider
;   TITLE OF INVENTION: Silk Proteins
;   NUMBER OF SEQUENCES: 56
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Birch, Stewart, Kolasch & Birch
;   STREET: P.O. Box 747
;   CITY: Falls Church
;   STATE: Virginia
;   COUNTRY: USA
;   ZIP: 22040-3487
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/458,298
;   FILING DATE: 02-JUN-1995
;   CLASSIFICATION: 530
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/209,747
;   FILING DATE: 14-MAR-1994
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Murphy Jr., Gerald M.
;   REGISTRATION NUMBER: 28,977
;   REFERENCE/DOCKET NUMBER: 1447-104P
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 703-205-8000
;   TELEFAX: 703-205-8050
;   INFORMATION FOR SEQ ID NO: 7:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 870 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   HYPOTHETICAL: NO
;   ORIGINAL SOURCE:
;   ORGANISM: N. clavipes
;   TISSUE TYPE: minor ampullate gland
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 1..753
;   OTHER INFORMATION: /product= "MISP2 carboxy terminus"
US-08-458-298-7